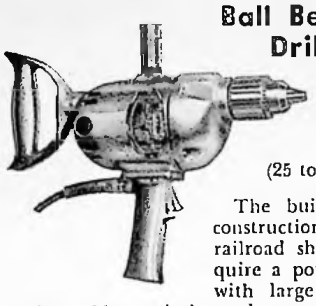
Metalmaster and Admiral

Electrical Tools by Bradford

Metalmaster Ball Bearing Drills



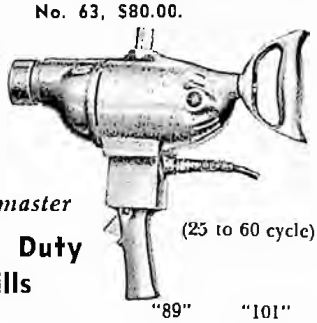
(25 to 60 cycle)

The building and construction industries, railroad shop etc., require a powerful drill with large chuck capacity. The swivel, spade type handle on the rear and the pipe handle on top, both of which are removable, permit operation of the drill in any direction.

110 or 220 Volt AC-DC. (Other voltages available) 2 pole trigger switch with positive lock. Jacobs 3 jaw threaded back chuck (with key). Ground threads on spindle. Helical gears. 15 foot of 3 conductor rubber covered cable and plug.

Model	Code	Size	RPM Full Load	Net. Wt.	Shpg. Wt.
49	DOVE	½" Spec.	350	10¼	15
51	DEMON	½" Hvy.	350	12	16
63	DAME	⅝" Std.	300	13	17

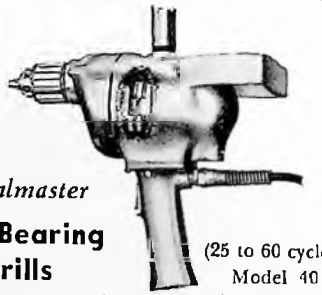
Prices: No. 49, $67.50; No. 51, $79.50; No. 63, $80.00.



Metalmaster Heavy Duty Drills

(25 to 60 cycle)

Model	"89"	"101"
Code	DAWN	DEAN
Size	⅞" Hvy.	1" Hvy.
Morse Taper	No. 2	No. 3
No load speed (RPM)	400	350
Full load speed (RPM)	235	210
Net weight (lbs.)	25	25
Shipping weight	30	30
Prices:	$135.00	$135.00

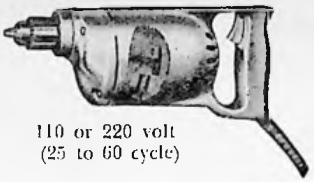


Metalmaster Ball Bearing Drills

(25 to 60 cycle)
Model 40

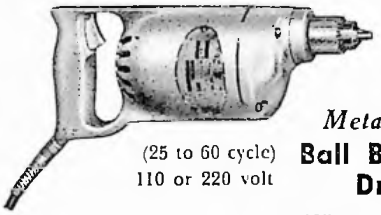
Capacity:	In steel ⅝", in hardwood ¾".
Standard Speed:	No load 900, full load 500.
Weight:	Net 9¼ lbs.; shipping 14 lbs.
Length Overall:	11".
Standard Voltage:	110 volts AC-DC. Also available in other voltages.
Equipment:	⅜" capacity 3-jaw Jacobs chuck, key and patented rubber flex key holder. 10 ft. 3 conductor rubber covered cable and plug.
Code:	DECK.
Price:	**$63.00.**

Metalmaster All Ball Bearing Drills



110 or 220 volt
(25 to 60 cycle)

Model	"25"	"26"
Code	DUKE	DRAK
Size	¼" Std.	¼" Hvy.
No load speed (RPM)	2300	1900
Full load speed (RPM)	1600	1600
Net weight (lbs.)	5	7
Shipping weight	8	10
Prices:	**$48.50**	**$55.00**



(25 to 60 cycle)
110 or 220 volt

Metalmaster Ball Bearing Drills

Model	"32"	"38"
Code	DAD	DOZE
Size	5/16" Hvy.	⅜" Std.
No load speed (RPM)	1400	800
Full load speed (RPM)	1100	400
Net weight (lbs.)	7¼	7½
Shipping weight	10	10
Prices:	**$58.00**	**$59.00**

Metalmaster Heavy Duty Drills

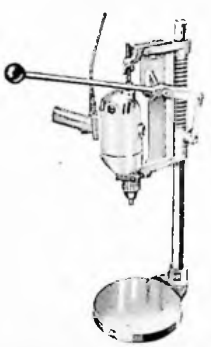
Prices:
No. 64, $108.00
No. 76, $118.00

(25 to 60 cycle)

110 or 220 Volt AC-DC. (Other voltages available) 2 pole trigger switch with positive lock. Jacobs 3 jaw threaded back chuck (with key). Ground threads on spindle. Helical gears. 15 foot of 3 conductor rubber covered cable and plug.

Model	Code	Size	RPM Full Load	Net Weight	Shipping Weight
64	DOLL	⅝" Hvy.	290	22	28
76	DASH	¾" Hvy.	260	24	31

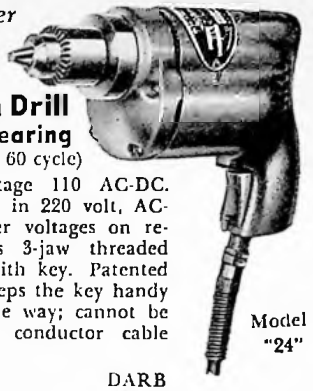
Metalmaster Drill Stands



Model 19 code (STARK). For use with models ½" to ¾". Net weight 42 lbs. Maximum feed 4"; C/L bit to C/L column 7". Model 20 (code STAY). Post Drill Stand equipped with brackets. Net weight 44 lbs.
Price: No. 19, $45.00
Price: No. 20, $50.00

Model 14S, code STAG for use with Drill Models 10, 24, 25, 26, 32 and 38. Net weight 13½ lbs. Maximum feed 4". C/L Bit to C/L Column 3⅝". Model 15S (code STAFF). Post Drill Stand equipped with brackets. Net weight 22 lbs.
Price: 14S, $28.50
Price: 15S, $33.00

Metalmaster ¼" Palm Drill All Ball Bearing

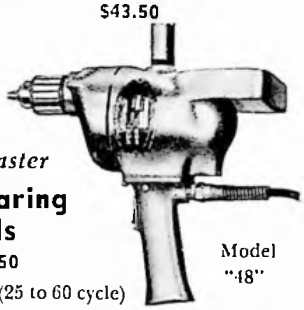


(25 to 60 cycle)

Standard voltage 110 AC-DC. Also available in 220 volt, AC-DC, and other voltages on request. Jacobs 3-jaw threaded back chuck with key. Patented key holder keeps the key handy but out of the way; cannot be misplaced. 3 conductor cable and plug.

Model "24"

Code	DARB
Capacity:	¼" in steel; ½" in hardwood
No load speed	1700 RPM
Full load speed	1100 RPM
Net weight	3¾ lbs.
Shipping weight	5 lbs.
Price:	**$43.50**



Metalmaster Ball Bearing Drills

Price: $63.50

Model "48"

(25 to 60 cycle)

Capacity:	In steel ½", in hardwood 1".
Standard Speed:	No load 500, full load 350.
Weight:	Net 9 lbs.; shipping 13 lbs.
Length Overall:	11".
Standard Voltage:	110 volts AC-DC. Also available in other voltages.
Equipment:	½" capacity 3-jaw Jacobs chuck, key and patented rubber flex key holder. 10 ft. 3 conductor rubber covered cable and plug.
Code:	DAISY.

Admiral General Purpose Drill

Price: $48.75

SPECIFICATIONS

Model:	10
Capacity:	In steel ½"; in hardwood 1".
Speed:	No load 450; full load 300.
Weight:	Net 8 lbs.; shipping 12 lbs.
Length Overall:	10½".
Standard Voltage:	110 volts AC-DC, 25 to 60 cycles.
Equipment:	½" capacity, 3 Jacobs chucks with key, 7½ feet 3 conductor rubber covered cable and plug. Hayco strain reliever to prevent kinking and breaking of cable.
Code:	DAN.

ALL ITEMS SHOWN AVAILABLE IN OTHER VOLTAGES

PRICES SUBJECT TO CHANGE WITHOUT NOTICE

FORM No. 151—1-51—5M

PRINTED IN U.S.A.

Metalmaster Portable Electric Polisher

A new Bradford Portable Electric Polisher, the ideal tool for obtaining a hard, brilliant lustre finish on all types of smooth surfaces.

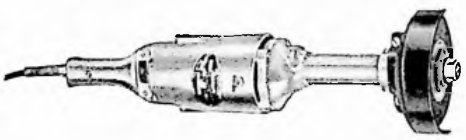
Model 107 & 109

SPECIFICATIONS

Motor: Universal AC-DC type. 110 volts; 25-60 cycles. Also available in 220 volts.

	Model 107	Model 109
Pad Diameter:	7"	9"
Bonnet Size:	8"	10"
No Load Speed:	1350	1000
Load Speed:	1000	700
Spindle Diameter:	5/8", 11 P Thread	5/8", 11 P Thread
Net Weight:	9 pounds	10 pounds
Shipping Weight:	11 pounds	12 pounds
Code:	Valor	Verpo
Price:	**$61.50**	**$64.50**

Metalmaster 5" & 6" Aerial Grinder



	Model 5AG	Model 6AG
Wheel size:	5"x3/4"x1/2" hole	6"x1"x5/8" hole
No Load Speed:	4800 r.p.m.	4000 r.p.m.
Load Speed:	3800 r.p.c.	3600 r.p.m.
Develops:	1/2 H.P.	1 H.P.
Overall Length:	24 1/2"	25"
Net Wt.:	16 lbs.	17 lbs.
Shipping Wt.:	23 lbs.	24 lbs.
Housing Dia.:	4 1/2"	4 1/2"

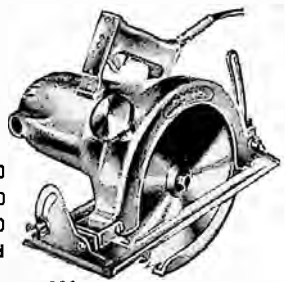
Motors: Universal DC or AC, 25 to 60 cycles, 115 volts. Also available in 220 volts.

Price: 5AG — $92.50
6AG — 100.00

Metalmaster Wood Saw

Model 180

Price:
Saw only $108.00
With case $118.00
Case only $11.00
Rip gauge included

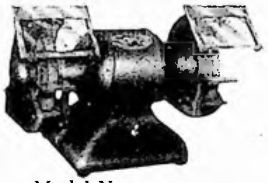


Vertical Depth of Cut: $2\frac{29}{32}$".
Depth of Cut at 45°: 1 3/4".
Blade Dia.: 8".
Weight, Net: 17 1/2 pounds, shipping weight 25 pounds.
Dimensions: 12 1/2" long, 8 3/4" high, 12" wide.
Speed: No Load, 3800 r.p.m.
Arbor hole: 5/8".
Code: SHARP.

Metalmaster Triple Tool

SPECIFICATIONS

Model:	3-4-1.
Motor:	115 volts AC-DC.
Disc Speed:	Free 2300 r.p.m.
Polishing Speed:	1200 r.p.m.
Bearings:	100 per cent ball bearings with sealed-in lubrication.
Drive:	Helical cut hardened gears.
Housing:	Cast aluminum.
Weight:	Net 6 lbs; shipping 10 lbs.
Code:	POSAD
Price:	**$49.75**



Metalmaster Bench Grinder

Model Nos.	850
Size	"8"
H.P.	1/2
Wheel Size	8"x1"
Dia. of Spindle	5/8"
Net Weight	82
Code	MIX
Prices: (110/60/1)	**$100.00**

Eye Shields Extra **$2.75 each**

Metalmaster Heavy Duty Grinder

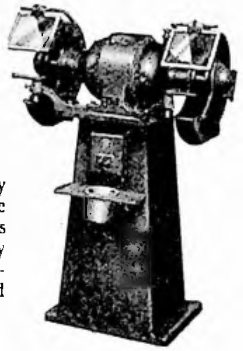
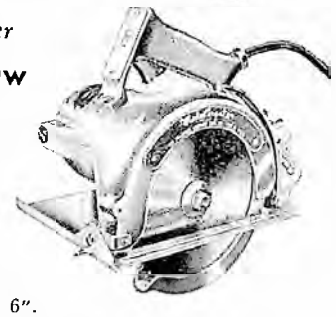


Illustration shows only a 2 HP Grinder. We can furnish other sizes since we have a very large variety of Metalmaster Grinders and Buffers up to 15 HP.

Metalmaster Wood Saw

Model 160

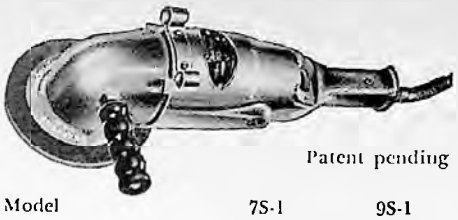


Vertical depth of cut 2". Depth of cut at 45° 1 1/4".

Blade Dia.: 6".
Weight, Net: 10 pounds. 4 ounces, shipping weight 15 pounds.
Dimensions: 9" long, 6 3/4" high, 8" wide.
Speed: No load, 5000 r.p.m.
Arbor hole: 1/2"
Code: STAMP

Price: Saw only [redacted] $68.50
With case [redacted] $73.50
Case only $8.00
Rip gauge included.

Metalmaster Portable Electric Disc Sanders



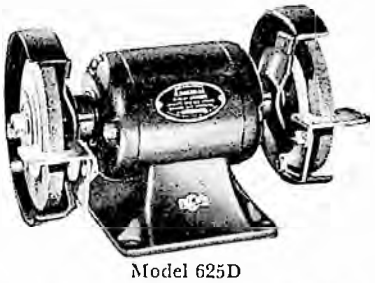
Patent pending

Model	7S-1 Heavy Duty Sander	9S-1 Std. Duty Sander
Code	SATE	SAVOY
Dia. of Pad	7"	9"
Spindle	5/8" — 11	5/8" — 11
No load speed	5000 RPM	4500 RPM
Net weight (lbs.)	12 1/4	13
Shipping weight (lbs.)	16	18
Prices:	**$83.00**	**$88.00**

Metalmaster Portable Electric Disc Sanders

Model	207 Heavy Duty	209 Standard Duty
Pad Diam.:	7"	9"
Disc Size:	7"	9"
No Load Speed:	5200 r.p.m.	5200 r.p.m.
Load Speed:	4500 r.p.m.	4200 r.p.m.
Spindle Diam.:	5/8"—11P thread	5/8"—11P thread
Net Wt.:	12 pounds	13 pounds
Shipping Wt.:	14 1/2 pounds	15 1/2 pounds
Code:	VERSA	VETER
Prices:	**$69.75**	**$72.75**

Admiral General Purpose Bench Grinders



Model 625D

Model 633D Wide Type

Model Nos.	625D	633D
Size	6"	6"
H.P.	1/4	1/3
Wheel Size	6" x 1/2"	6" x 3/4"
Dia. of Spindle	1/2"	1/2"
Net Weight	25 pounds	37 pounds
Code	TIE	TOP
Prices: (110/60/1)	**$40.00**	**$48.00**

Eye Shields Extra **$2.00 each**

ALL ITEMS SHOWN AVAILABLE IN OTHER VOLTAGES
PRICES SUBJECT TO CHANGE WITHOUT NOTICE

The Bradford Machine Tool Co.

CINCINNATI 4, OHIO ***Established 1840***